

Multi Topology Routing

Truman Boyes, Juniper Abstract This talk will outline Multi-Topology Routing (MTR) as a tool that you can use in your IP/MPLS networks. Multi-Topology routing is useful as a means to construct non-congruent inter-domain topologies, basic traffic engineering, and methods to steer particular applications and protocol-families onto specific groupings of links and nodes with and without MPLS. A few recipes and examples of applicability will be discussed.

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Â Abstracts Â

- Network Management and NOC Workshop
Hervey Allen (NSRC), Phil Regnaud (NSRC), Chris Evans (Delta-Risk)
- VOIP Deployment Workshop
Jonny Martin (PCH), Vicky Shrestha (PCH), Daniel Griggs (FX Networks)
- Network Security Workshop
Damien Holloway (Juniper Networks), Kunjal Trivedi I(Cisco), Merike Kaeo (DoubleShot Security)
- ISP Routing Workshop using IPv4 and IPv6
Gaurab Raj Upadhaya(PCH), Amante Alvaran (APNIC), Shankar Vridhagiri
- Advanced Routing - BGP Multihoming with IPv4 and IPv6
Philip Smith (Cisco), Mark Tinka (Global Transit)
- Toward The Internet 2.0
Hiroshi Esaki, Ph.D.
- Advancing the Philippines' Internet Infrastructure
William Torres, Ph.D.
- Integrating IP Wireless Sensor Networks
PatrickÂ Grossetete, Archrock
- Lessons Learnt from the Beijing Olympic Games Website Measurement
Rocky K. C. Chang, The Hongkong Polytechnic University
- A technical demo and overview of .tel
Jim Reid (Telnic)
- BGP IN 2008 - what's changed Â
Geoff Huston (APNIC)
- IPv6 Traffic levels on Hurricane Electric's backbone
Martin Levy (Hurricane Electric)
- JANET's 40Gbps backbone
Rob Evans (JANET)
- From IPv4 only to v4/v6 Dual Stack
Shin Miyakawa (NTT)
- How to Keep CGNs from Breaking the Internet
Randy Bush (IJJ)
- IPv6 Deployment at IJJ
Yoshinobu Matsuzaki (IJJ)
- Session aware NAT
David Miles (Alcatel-Lucent)
- IANA and DNSSEC at the root
Richard Lamb (IANA)
- IPv6 at Google: lessons learned, state of the art, and the road to deployment
Lorenzo Colitti(Google)

- Euro-IX update
Serge Radovic (Euro-IX)
- IPv6 at Monash University
John Mann(Monash University)
- What can IXPs do for IPv4/IPv6 route exchange?
Takabayashi Takejiro (Japan Internet Exchange Co., Ltd.) and Mawatari Masataka (Co-author)
- What can IXPs do about IPv4 exhaustion?
MAWATARI Masataka (Japan Internet Exchange Co., Ltd.) and TAKABAYASHI Takejiro
- DNS-OARC's Open DNSSEC Validating Resolver
Duane Wessels(DNS-OARC)
- AMS-IX Update
Cara Mascini(AMS-IX)
- DNSSEC in 6 minutes
Joao Damas (ISC)
- NIXI - Internet Exchanges in India
Amitabh Singhal,NIXI
- IPv6 - IPv4 Co-Existence: IETF Report
Jari Arkko, Ericsson Research, IETF
- Rogue DNS servers - a case study
Feike Hacquebord,Trend Micro
- Building a very large scale compute system for organizing the worlds information and making it universally accessible
Vijay Gill
- Mobile Backhaul Architecture Options
Rishi Mehta ,Redback Networks
- Membership Development
Tomas Marsalek, NIX.CZ
- Broadband Forum v6 Home Networks
David Miles, Alcatel-Lucent
- BGP Routing Scalability Considerations
Danny McPherson,Arbor Networks, Inc. Co-author: Shane Amante, Lixia Zhang
- 2008 Infrastructure Security Report
Danny McPherson,Arbor Networks, Inc.
- 32-bit ASNs
Chris Malayter, Switch&Data, Co-author: Greg Hankins , Force10 Networks
- The Internet Regulatory Environment in Saudi Arabia
Dr. Ibraheem S. Al-Furaih (CITC)
- Tutorial: Introduction to IPv6
Kurtis Lindqvist (NetNod)
- Tutorial: BGP Multihoming Techniques
Philip Smith (Cisco)
- Tutorial: BGP Techniques for Service Providers
Philip Smith (Cisco)
- Tutorial: Troubleshooting BGP
Philip Smith (Cisco)
- Tutorial: Network Core Infrastructure - Best Practices
Yusuf Bhajji (Cisco)
- Tutorial: Anatomy of a network attack, network forensics, network attack and defense
APNIC Training Team and Team Cymru
- Tutorial: Internet Routing Registry
APNIC Training Team

- Tutorial: MPLS Service, Applications & Deployment Best Practices
Santanu Dasgupta (Cisco Systems) and Kasu Venkat Reddy
- Tutorial: Layer 2 Attacks and Mitigation Techniques
Yusuf Bhaiji (Cisco)
- Tutorial: Managing Voice Quality in Converged IP Networks
Faisal Chaudhry (Cisco Systems)
- Tutorial: Internet Resource Management Essentials (IRME)
APNIC Training Team
- Tutorial: DNSSEC Deployment
Phil Regnauld and Hervey Allen (Network Startup Resource Center)
- Tutorial: MPLS-based Metro Ethernet Services
Paresh Khatri (Alcatel-Lucent)
- Tutorial: IPv6 Deployment
Mark Tinka (Global Transit International)
- Tutorial: IS-IS Deployment (Dual-Stack)
Mark Tinka (Global Transit International)

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